ECS Configuration Change Request

Page 1 of ___ Page(s)

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Richard Strub	3/29/00	000346	—	301 614 5742	N126-8	M&O

8. CCR Title: Batch Subscription Switch

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 04/04/2000
Rich Strub 3/28/2000	II	CCR	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 28).
Gary Roth 3-28-00	Initial ECS Baseline Doc.	Routine

16. Documentation/Drawings Impacted:	17. Schedule Impact:	18. CI(s) Affected:

19. Release Affected by this Change: 5A	20. Date due to Customer:	21. Estimated Cost: None - Under 100K

22. Source Reference: ☐ NCR (attach) ☐ Action Item ☐ Tech Ref. ☒ GSFC ☐ Other:

23. Problem: (use additional Sheets if necessary)
When the MCST T3 line breaks down it causes all of their distribution requests to be suspended by the system. As these suspended tasks multiply it bogs down the system to such an extent that the subscriptions must be immediately deactivated.

24. Proposed Solution: (use additional sheets if necessary)
A one button tool which will edit all MCST subscriptions so that they are switched to ACDIS. A batch wrapper in front of the gdSubsTool. If the object column was not being changed then I would suggest a sql script. However because the structure of the object column in the EcSbSubscription table has not been determined the gdSubsTool(CCR 61) is our only option for batch changes to this column.

25. Alternate Solution: (use additional sheets if necessary)
1. Determining the object column's structure and using a sql script.
2. The current solution is changing each subscription one at time.
3. If the proposed solution is not adequate, then gdSubsTool could be modified to do multiple subscriptions.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Maintaining the current solution is changing each subscription one at time. The problem with maintaining the current solution is that when the MCST T3 line breaks down it causes all of their distribution requests to be suspended by the system. As these suspended tasks multiply it bogs down the system to such an extent that the subscriptions must be immediately deactivated.

27. Justification for Emergency (If Block 15 is "Emergency"):
D/W info only - No perceived ECS impact.

28. Site(s) Affected: ☐ EDF ☐ PVC ☐ VATC ☐ EDC ☒ GSFC ☐ LaRC ☐ NSIDC ☐ SMC ☐ AK ☐ JPL
☐ EOC ☐ IDG Test Cell ☐ Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): _K B_ 25 Apr 00	Disposition: ~~Approved~~ App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

CM01JA00

ECS/EDF/SCDV/M&O

ORIGINAL

ADDITIONAL SHEET

CCR #: ୦୦ ୨୳୳ **Rev:**   **Originator:** Richard Strub

Telephone: 301 614 5742   **Office:** N126-8

Title of Change: Batch Subscription Switch

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My proposal is to get the list of subscriptions for a particular user using Subscription.pm(CCR 42). Receive from the user the accountname and/or all or a subset of the action parameters and/or the email, and/or the start date and/or the end date. Merge the existing subscription data with the user supplied updates and update the entire subscription. The results of each update will be compared with what should have been entered into the database before continuing to the next subscription. The user interface will be a Perl Tk GUI.

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This would change the operation time from 30 * nSubs secs to 20 + 2*nSubs secs.

CM01AJA00